1/6 F I G. 1 A

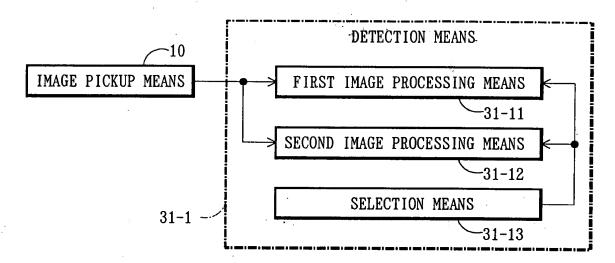


FIG. 1B

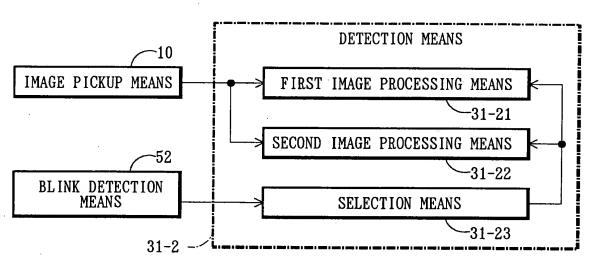
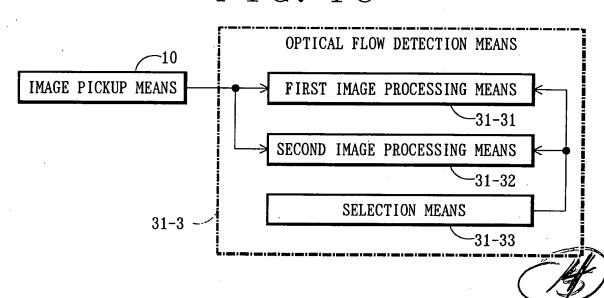
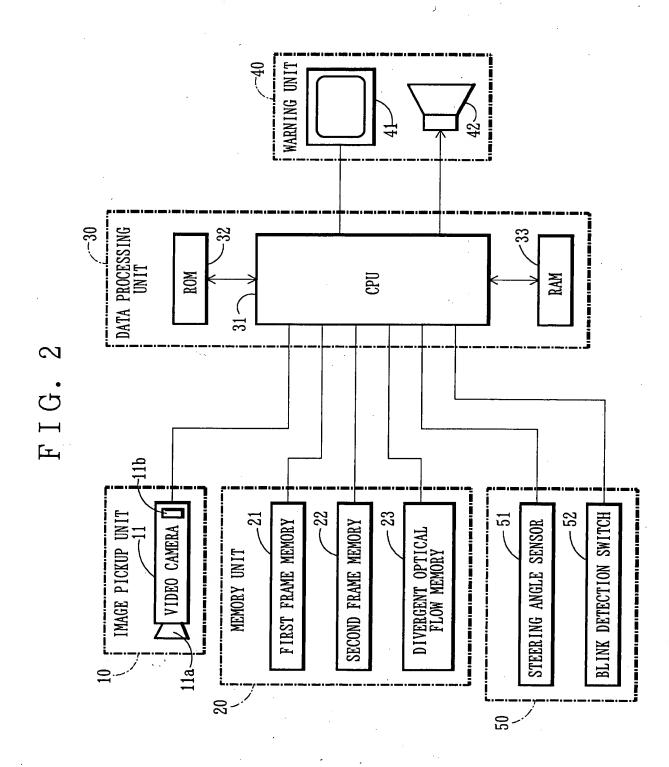


FIG. 1C





~S110 -S120 ~S140 ~S160 -S130 -\$150 COMPUTING PROCESS OF DEGREE OF DANGER FIG. 4 OPTICAL FLOW DETECTION PROCESS WIDE-ANGLE/ZOOM SWITCH PROCESS WARNING PROCESS BACK TO START IMAGE TAKING DANGER START FOE FIG. 3 1024 51211b 512

1024

FIG. 5

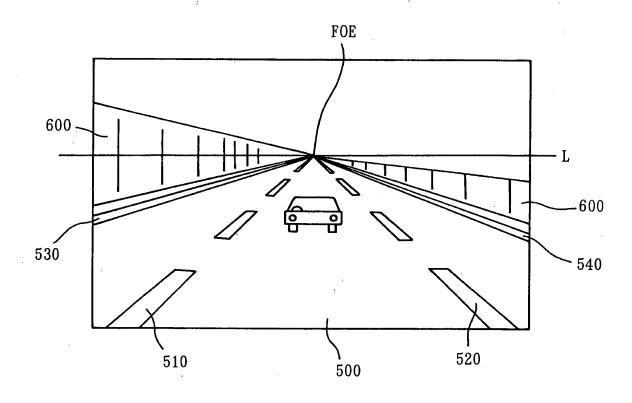
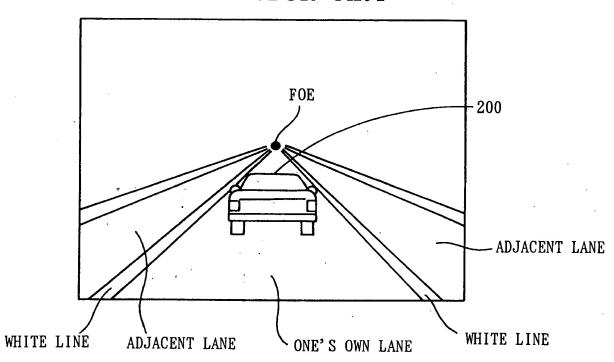


FIG. 10 PRIOR ART



F I G. 6 WIDE-ANGLE/ZOOM SWITCH PROCESS S210a ANY OPTICAL FLOW
IN THE VICINITY OF ONE'S
OWN VEHICLE
? -S230a ZOOM MODE -S220a -S240a WIDE-ANGLE MODE C←+1 -S220a′ -S250a C**←**0 N C=10 -S260a WIDE-ANGLE MODE -S270a C**←**0 BACK TO BEGINNING

5/6

FIG. 7 PRIOR ART DATA PROCESSING UNIT ··<del>·</del>-10 IMAGE PICKUP UNIT ROM 11a 32--31 42 VIDEO CAMERA SPEAKER CPU 11b 33~ RAM

